

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior listings of claims in this application.

1. (Currently Amended) A wireless speaker system suitable for a hard-wired audio system, comprising:

a wireless transmitter module including an input for connection to a wired speaker output of a main component of the hard-wired audio system, the wireless transmitter module transmitting an output signal of a first predefined frequency carrying a first output signal of the main component and an output signal of a second predefined frequency carrying a second output signal of the main component, the first predefined frequency being different than the second predefined frequency;

a first wireless receiver module including an output for connection to a wired speaker input of a first external speaker, the first wireless receiver module receiving the first output signal on the first predefined frequency and the first external speaker responding to the first output signal; and

a second wireless receiver module including an output for connection to a wired speaker input of a second external speaker, the second wireless receiver module receiving the second output signal on the second predefined frequency and the second external speaker responding to the second output signal;

wherein the main component of the hard-wired audio system includes left front and rear wired speaker outputs, right front and rear wired speaker outputs, a center wired speaker output and a subwoofer wired speaker output, the wireless transmitter module includes left front and rear inputs, right front and rear inputs, a center input and a subwoofer input, the first and second wireless receiver modules include left front and rear wireless receiver modules, right front and rear wireless receiver modules, a center wireless receiver module and a subwoofer wireless receiver module, and the external speaker includes left front and rear speakers, right front and rear speakers, a center speaker and a subwoofer speaker;

wherein the left front and rear wired speaker outputs, right front and rear wired speaker outputs, center wired speaker output and subwoofer wired speaker output of the main component are connected to the left front and rear inputs, right front and rear inputs, center input and subwoofer input of the wireless transmitter module, respectively; and

wherein outputs of the left front and rear, right front and rear, center and subwoofer wireless receiver modules are connected to wired speaker inputs of the left front and rear, right front and rear, center and subwoofer external speakers.

2. (Original) The system of claim 1, wherein the wireless transmitter module includes AC power source.

3. (Original) The system of claim 1, wherein the first and second wireless receiver modules include AC or DC power source.

4. (Original) The system of claim 1, wherein the wireless transmitter module includes a frequency, volume, balance, fade, tone or equalization adjustment.

5. (Original) The system of claim 4, wherein the wireless transmitter module further includes an amplifier.

6. (Original) The system of claim 1, wherein the first and second wireless receiver modules include a frequency, volume, balance, fade, tone or equalization adjustment.

7. (Original) The system of claim 1, wherein the main component of the hard-wired audio system includes left and right channels, the first output signal corresponding to the left channel and the second output signal corresponding to the right channel.

8. (Original) The system of claim 1, wherein the wireless transmitter module transmits the output signals of the first and second predefined frequencies by radio or infrared transmission.

9. (Canceled)

10. (Currently Amended) The system of claim 91, wherein the left front and rear wired speaker outputs, right front and rear wired speaker outputs, center wired speaker output and subwoofer wired speaker output of the main component generate left front and rear output signals, right front and rear output signals, center output signal and subwoofer output signals;

wherein the wireless transmitter module transmits the left front and rear output signals, right front and rear output signals, center output signal and subwoofer output signals to the left front and rear, right front and rear, center and subwoofer wireless receiver modules on different frequencies.

11. - 15. (Canceled)

16. (Currently Amended) ~~The system of claim 1~~ A wireless speaker system suitable for a hard-wired audio system, comprising:

a wireless transmitter module including an input for connection to a wired speaker output of a main component of the hard-wired audio system, the wireless transmitter module transmitting an output signal of a first predefined frequency carrying a first output signal of the main component and an output signal of a second predefined frequency carrying a second output signal of the main component, the first predefined frequency being different than the second predefined frequency;

a first wireless receiver module including an output for connection to a wired speaker input of a first external speaker, the first wireless receiver module receiving the first output signal on the first predefined frequency and the first external speaker responding to the first output signal; and

a second wireless receiver module including an output for connection to a wired speaker input of a second external speaker, the second wireless receiver module receiving the second output signal on the second predefined frequency and the second external speaker responding to the second output signal.

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-wherein the main component of the hard-wired audio system includes left front and rear wired speaker outputs and right front and rear wired speaker outputs, the wireless transmitter module includes left front and rear inputs and right front and rear inputs, the first and second wireless receiver modules include left front and rear wireless receiver modules and right front and rear wireless receiver modules, and the external speaker includes left front and rear speakers and right front and rear speakers;

wherein the left front and rear wired speaker outputs and right front and rear wired speaker outputs of the main component are connected to the left front and rear inputs and right front and rear inputs of the wireless transmitter module, respectively; and

wherein outputs of the left front and rear and right front and rear wireless receiver modules are connected to wired speaker inputs of the left front and rear and right front and rear external speakers.

17. (Previously Presented) The system of claim 16, wherein main component generates left front and rear output signals and right front and rear output signals;

wherein the wireless transmitter module transmits the left front and rear output signals and the right front and rear output signals on different frequencies.

18. (Previously Presented) The system of claim 16, wherein the main component of the hard-wired audio system includes a center wired speaker output, the wireless transmitter module includes a center input, the first and second wireless receiver modules include a center wireless receiver module, and the external speaker includes a center speaker;

wherein the center wired speaker output of the main component is connected to the center input of the wireless transmitter module, and

wherein outputs of the center wireless receiver module are connected to wired center external speakers.

19. (Previously Presented) The system of claim 16, wherein the main component of the hard-wired audio system includes a subwoofer wired speaker output, the wireless transmitter module includes a subwoofer input, the first and second wireless receiver

modules include a subwoofer wireless receiver module, and the external speaker includes a subwoofer speaker;

wherein the subwoofer wired speaker output of the main component is connected to the subwoofer input of the wireless transmitter module, and

wherein outputs of the subwoofer wireless receiver module are connected to wired subwoofer external speakers.